

SAIVINIC

Material Safety Data Sheet Model No : All Alkaline Button Cell

Document No: SV-MS01 Revision: 1

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IDENTITY (AS USED ON LABEL AND LIST) All SV Alkaline Button Cell.

NOTE: BLANK SPACES ARE NOT PERMITTED IF ANY ITEM IS NOT APPLICABLE OR INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

SECTION I INFORMATION OF MANUFACTURER

Manufacturer's Name: Shen Zhen Saivinic Battery Co., Let.

Address: 3/F, 21 Building, Liu Luan Industry Area, Heng Gong Town, Shen Zhen, China.

TEL: + 86 0755-28656689 FAX: + 86 0755-28654408 E-Mail: saivinic@126.com

Emergency Telephone Number: N.A.

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components:

(Specific Chemical Identity, Common Name)	OSHA PEL	ACGIH TLV
MnO ₂ (1313-13-9)	None established	None established
ZnO (1314-13-2)	None established	None established
Organic Solvent (KaOH 1310-58-3)	None established	None established
Mercury, Inorganic (as Hg 7439-97-6)	≤0.0005%	≤0.0005%
Cadmium, Inorganic (as Ca 7440-43-9)	≤0.0025%	≤0.0025%
Lead, Inorganic (as Pb 7439-92-1)	≤0.040%	≤0.040%
Tin, Inorganic (as Sn 7440-31-5)	None established	None established
Nickel, Inorganic (as Ni 7440-02-0)	None established	None established

SECTION III PHYSICAL CHARACTERISTICS

Boiling Point: N.A.	Specific Gravity (H ₂ O = 1) : N.A.
Vapour Density (AIR = 1) : N.A.	Melting Point: N.A.
Vapour Pressure (mm Hg) : N.A.	Solubility in water: N.A.

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SECTION IV-HAZARD CLASSIFICATION

Classification: N.A.

SECTION V-REACTIVITY DATA

Stability: Stable Conditions to Avoid: N.A.

Incompatibility (Material to Avoid) : N.A.

Hazardous Decomposition or Byproducts: N.A.

Hazardous Polymerization: Will not Occur Conditions to Avoid: N.A.

SECTION VI-HEALTH HAZARD DATA

Route (s) of entry Inhalation: N.A. Skin: N.A. Ingestion: N.A.

Health Hazard (Acute and Chronic) /Toxicological information

In case of electrolyte leakage, skin will be itchy when contaminated with electrolyte. In contact with electrolyte can cause irritation and chemical burns. Inhalation of electrolyte vapors may cause irritation of upper respiratory tract and lunge.

SECTION VII-FIRST AID MEASURES

First Aid Procedures

If electrolyte leakage occurs and makes contact with skin, wash with plenty of water immediately. If electrolyte comes into contact with eyes, wash with copious amounts of water for fifteen minutes, and contact a physician.

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SECTION VIII-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : N.A. Ignition Temp: N.A.

Flammable Limits: N.A. LEL: N.A. UEL: N.A.

Extinguishing Media: Carbon Dioxide, Dry Chemical or Foam extinguishers.

Special Fire Fighting Procedures: N.A.

Unusual Fire and Explosion Hazards:

Do not dispose of battery in fire-may explode,

Do not short-circuit battery-may cause burns.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is RELEASED OR Spilled:

Batteries that are leaking should be handled with rubber gloves. Avoid direct contact with electrolyte. Wear protective clothing and a positive pressure Self-Contained Breathing Apparatus (SCBA) .

Waste Disposal Method:

Dispose of batteries according to governmental regulations.

Precautions to Be Taken in Handling and Storing:

Batteries should be handled and stored carefully to avoid short circuit.

Do not store in disorderly fashion, or allow metal objects to be mixed with stored battery packs.

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Do not allow metal objects in contact with the metal terminals. Never disassemble a battery pack. Keep batteries between -10 and 35 for prolonged storage.

SECTION X-CONTROL MEASURES

Respiratory Protection (Specify Type) : N.A.

Local Exhausts: N.A. Special: N.A. Mechanical (General) : N.A.

Other: N.A. Protective Gloves: N.A. Eye Protection: N.A.

Other Protective Clothing or Equipment: N.A.

Work/Hygienic Practices: N.A.

SECTION XI-REGULATORY INFORMATION

Special requirement according to the local regulatory.

SECTION XII-OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated here.